

Application Serial No.: 09/780,812  
Filing Date: 01/09/2001

Reply to Office action of: 07/14/2004  
Attorney Docket No.: ARC920010024US1

### **AMENDMENT TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in this application:

#### **Listing of Claims:**

1. (Original) A method for optimizing a hierarchical organization of a network site, comprising:

analyzing user access patterns to automatically locate weak spots in the hierarchical organization, where user's expected locations do not coincide with actual locations.

2. (Original) The method according to claim 1, further including determining available corrective measures to compensate for the weak spots; and assessing the corrective measures.

3. (Original) The method according to claim 2, further including in response to the assessing step, selectively implementing the corrective measures.

4. (Original) The method according to claim 2, further including in response to the assessing step, presenting the corrective measures to an administrator for review.

5. (Original) The method according to claim 3, wherein the analyzing step includes determining backtracks to identify the expected locations.

Application Serial No.: 09/780,612  
Filing Date: 01/09/2001

Reply to Office action of: 07/14/2004  
Attorney Docket No.: ARC920010024US1

6. (Original) The method according to claim 3, for optimizing the hierarchical organization of a Web site, wherein the analyzing step includes determining backtracks to identify the expected Web pages.

7. (Original) The method according to claim 6, wherein the analyzing step further includes inferring backtracks if at least some Web pages have been cached.

8. (Original) The method according to claim 7, wherein the determining step includes adding at least one link from an expected location to a target page.

9. (Original) The method according to claim 8, wherein the assessing step includes evaluating a frequency with which visitors expect to find a web page at an expected location.

10. (Original) The method according to claim 9, wherein the assessing step includes evaluating a benefit of adding a link between the expected location and the target page.

11. (Original) The method according to claim 10, wherein the implementing step includes proposing that a new link be added between the expected location and the target page.

12. (Original) The method according to claim 9, wherein the implementing step includes automatically adding a link between the expected location and the target page.

Application Serial No.: 09/780,812  
Filing Date: 01/09/2001

Reply to Office action of: 07/14/2004  
Attorney Docket No.: ARC920010024US1

13. (Original) The method according to claim 9, wherein the analyzing step includes:

importing a plurality of updated weblogs for a Web page; and  
analyzing the hierarchical organization in light of the weblogs.

14. (Currently amended) A system [[computer program product]] for optimizing a hierarchical organization of a network site, comprising:

an analysis module for analyzing user access patterns to automatically locate weak spots in the hierarchical organization, where user's expected locations do not coincide with actual locations.

15. (Currently amended) The system [[computer program product]] product according to claim 14, further [[including]] comprising:

a correction module for determining available corrective measures to compensate for the weak spots; and  
an assessment module for assessing the corrective measures.

16. (Currently amended) The system [[computer program product]] according to claim 15, wherein in response to an assessment of the corrective measures, the assessment module selectively implements available corrective measures.

17. (Currently amended) The system [[computer program product]] according to claim 15, further including an assessment module for assessing the corrective measures; and

in response to an assessment of the corrective measures, the assessment module presents the corrective measures to an administrator for review.

Application Serial No.:09/780,612  
Filing Date: 01/09/2001

Reply to Office action of: 07/14/2004  
Attorney Docket No.: ARC920010024US1

18. (Currently amended) The system [[computer program product]] according to claim 15, wherein the analysis module determines backtracks to identify the expected locations.

19. (Currently amended) The system [[computer program product]] according to claim 18, for optimizing the hierarchical organization of a Web site, wherein the analysis module determines backtracks to identify the expected Web pages.

20. (Currently amended) The system [[computer program product]] according to claim 19, wherein the analysis module further infers backtracks if at least some Web pages have been cached.

21. (Currently amended) The system [[computer program product]] according to claim 20, wherein the correction module adds at least one link from an expected location to a target page.

22. (Currently amended) The system [[computer program product]] according to claim 21, wherein the assessment module evaluates a frequency with which visitors expect to find a web page at an expected location.

23. (Currently amended) The system [[computer program product]] according to claim 22, wherein the assessment module evaluates a benefit of adding a link between the expected location and the target page.

Application Serial No.: 09/780,812  
Filing Date: 01/09/2001

Reply to Office action of: 07/14/2004  
Attorney Docket No.: ARC920010024US1

24. (Currently amended) The system [[computer program product]] according to claim 23, wherein the assessment module proposes that a new link be added between the expected location and the target page.

25. (Currently amended) The system [[computer program product]] according to claim 23, wherein the assessment module automatically adds a link between the expected location and the target page.

26. (Currently amended) The system [[computer program product]] according to claim 23, wherein the analysis module imports a plurality of updated weblogs for a Web page, and analyzes the hierarchical organization in light of the weblogs.

27. (New) A system having a plurality of executable instruction codes for optimizing a hierarchical organization of a network site, comprising:

a first set of instruction codes for analyzing user access patterns to automatically locate weak spots in the hierarchical organization, where a user's expected locations do not coincide with actual locations.

28. (New) The system according to claim 27, further comprising:  
a second set of instruction codes for determining available corrective measures to compensate for the weak spots; and  
a third set of instruction codes for assessing the corrective measures.

29. (New) The system according to claim 28, wherein in response to an assessment of the corrective measures, the third set of instruction codes selectively implements available corrective measures.

Application Serial No.: 09/780,612  
Filing Date: 01/09/2001

Reply to Office action of: 07/14/2004  
Attorney Docket No.: ARC920010024US1

30. (New) The system according to claim 28, further comprising a fourth set of instruction codes for assessing the corrective measures; and in response to an assessment of the corrective measures, the fourth set of instruction codes presents the corrective measures to an administrator for review.

31. (New) The system according to claim 28, wherein the first set of instruction codes determines backtracks to identify the expected locations.

32. (New) The system according to claim 31, for optimizing the hierarchical organization of a Web site, wherein the first set of instruction codes determines backtracks to identify the expected Web pages.

33. (New) The system according to claim 32, wherein the first set of instruction codes further infers backtracks if at least some Web pages have been cached.

34. (New) The system according to claim 33, wherein the second set of instruction codes adds at least one link from an expected location to a target page.

35. (New) The system according to claim 34, wherein the fourth set of instruction codes evaluates a frequency with which visitors expect to find a web page at an expected location.

Application Serial No.: 09/780,812  
Filing Date: 01/09/2001

Reply to Office action of: 07/14/2004  
Attorney Docket No.: ARC920010024US1

36. (New) The system according to claim 35, wherein the fourth set of instruction codes evaluates a benefit of adding a link between the expected location and the target page.

37. (New) The system according to claim 36, wherein the fourth set of instruction codes proposes that a new link be added between the expected location and the target page.

38. (New) The system according to claim 36, wherein the fourth set of instruction codes automatically adds a link between the expected location and the target page.

39. (New) The system according to claim 36, wherein the first set of instruction codes imports a plurality of updated weblogs for a Web page, and analyzes the hierarchical organization in light of the weblogs.